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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. Patent Application of

MARCIACQ et al.

Application No.: 09/914,221

Filed: August 22, 2001

For: PROCESS FOR MANUFACTURING
MORPHOLINO-NUCLEOTIDES, AND
USE THEREOF FOR THE ANALYSIS
OF AND LABELLING OF NUCLEIC
ACID SEQUENCES

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) Group Art Unit: 1623
)
) Examiner: Lewis, Patrick T.
) Confirmation No.: 1827
)
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**THIRD INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a Third Information Disclosure Statement, 4 references and accompanying form PTO-1449 for the above-identified patent application.

- The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
 A check in the amount of \$ 180.00 is enclosed for the fee due.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: May 21 2003

By: Galina Yakovleva
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THIRD INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
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Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

Applicants were notified in the most recent Office Action for the above-referenced application, Paper No. 7, that the following references had not been considered by the Examiner. The following documents, submitted to the USPTO on September 25, 2001, are herewith being resubmitted with complete citations.

1. AGRAWAL, S., et al. "Efficient methods for attaching non-radioactive labels to the 5' ends of synthetic oligodeoxyribonucleotides." *Nucleic Acids Research*. 14(15): 6227-6245 (1986).
 2. BROKER, T.R., et al. "Electron microscopic visualization of tRNA genes with ferritin-avidin: biotin labels." *Nucleic Acids Research*. 5(2): 363-385 (1978).
 3. HILEMAN, R.E., et al. "Synthesis and Characterization of Conjugates Formed Between Periodate-Oxidized Ribonucleotides and Amine-Containing Fluorophores." *Bioconjugate Chem.* 5(5): 436-444 (1994).

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4. RAYFORD, R., et al. "Reductive Alkylation with Oxidized Nucleotides: Use in Affinity Labeling or Affinity Chromatography." *J. Biol. Chem.* 260(29): 15708-15713 (1985).

A fee in the amount of \$180.00 as set forth in 37 C.F.R. § 1.17(p) is enclosed.

By citing the above references, Applicants do not acquiesce or admit that any of these documents are "prior art" under 35 U.S.C. Applicants specifically reserve the right, where appropriate, to antedate any of the cited documents by an appropriate showing under 37 C.F.R. §1.131, §1.604, §1.608 or any other suitable means.

To assist the Examiner, the listed on the attached form PTO-1449. It is respectfully requested that an Examiner-initialed copy of this form be returned to the undersigned.

Respectfully submitted,

Date: May 22, 2003

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